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O I P E
JUL 27 2004
PATENT & TRADEMARK OFFICE 09

Title: IMAGE FORMING APPARATUS
Inventor(s): Yuusuke SUZUKI
Appl. No.: 10/805,282
REPLACEMENT SHEET

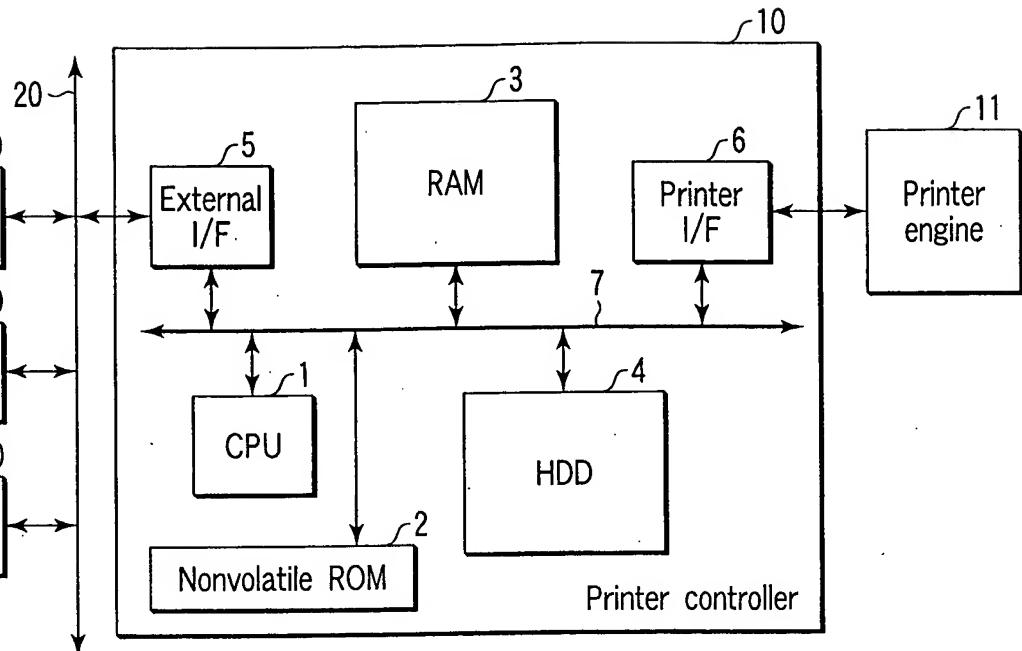


FIG. 1

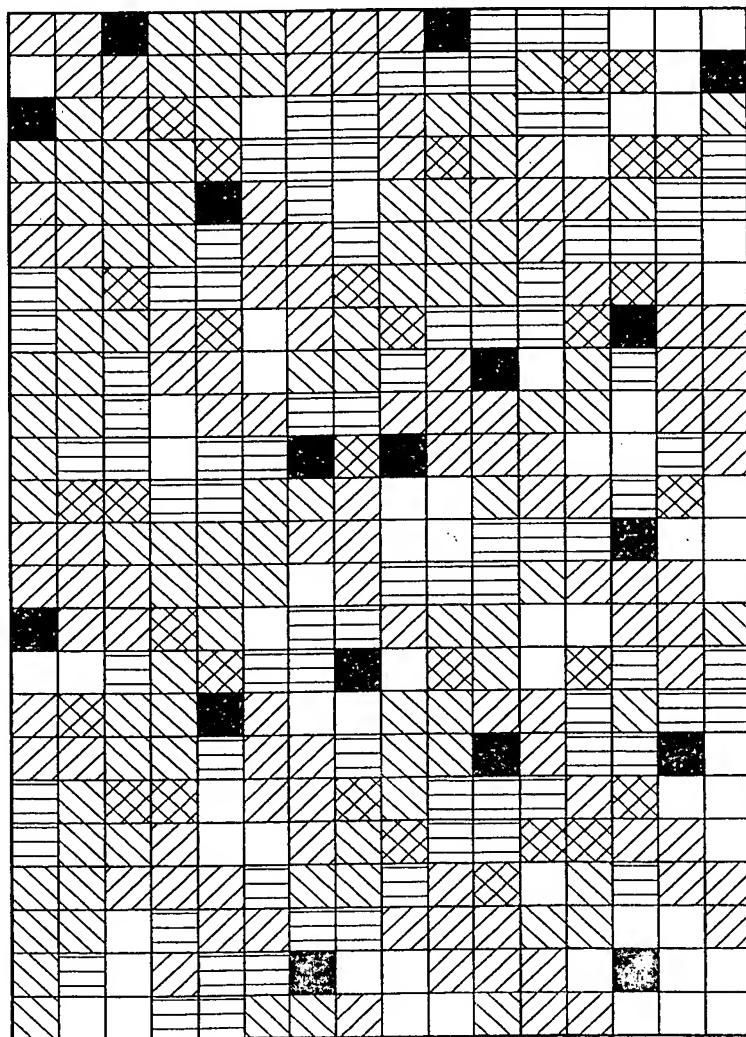


FIG. 3

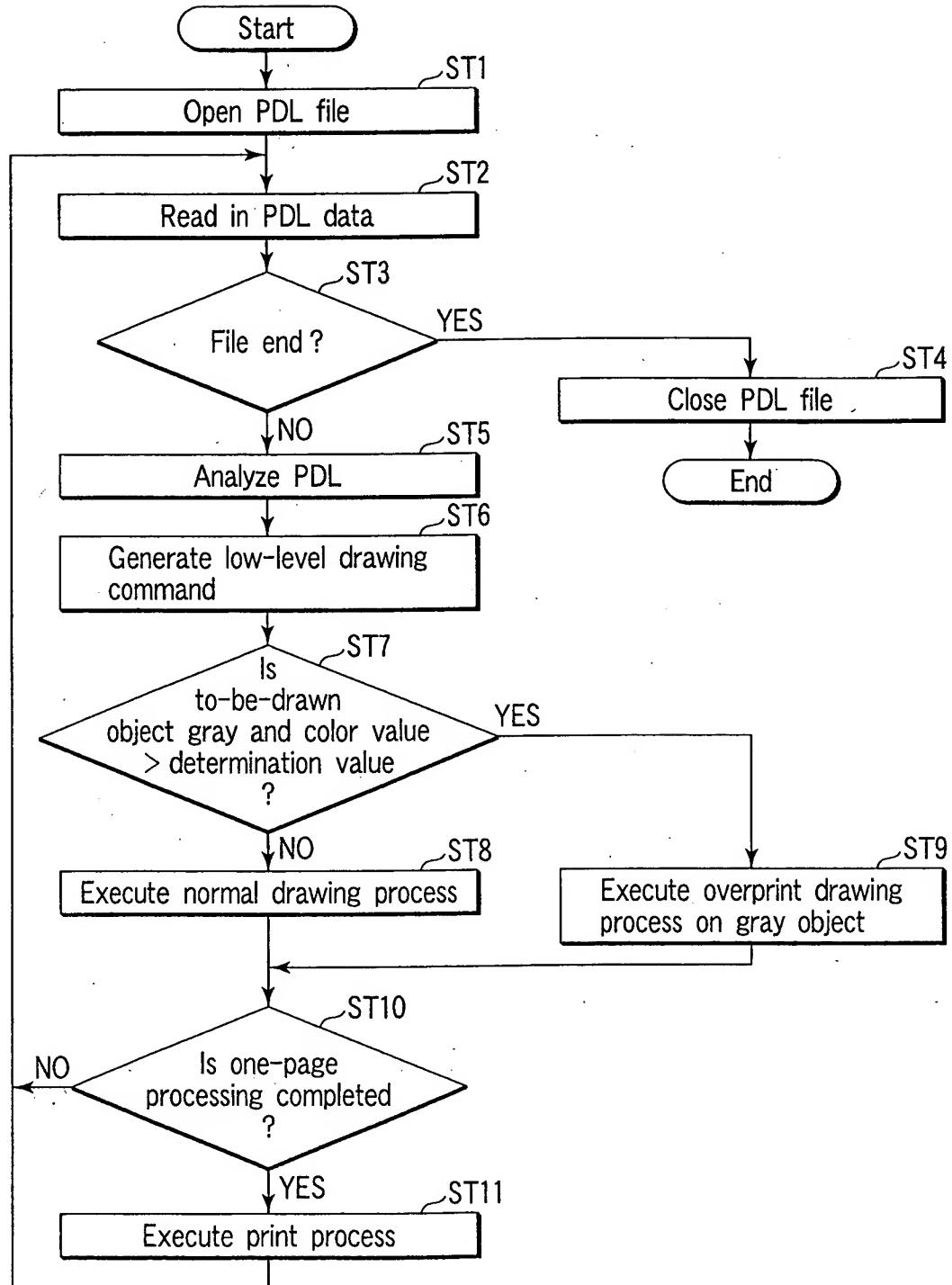
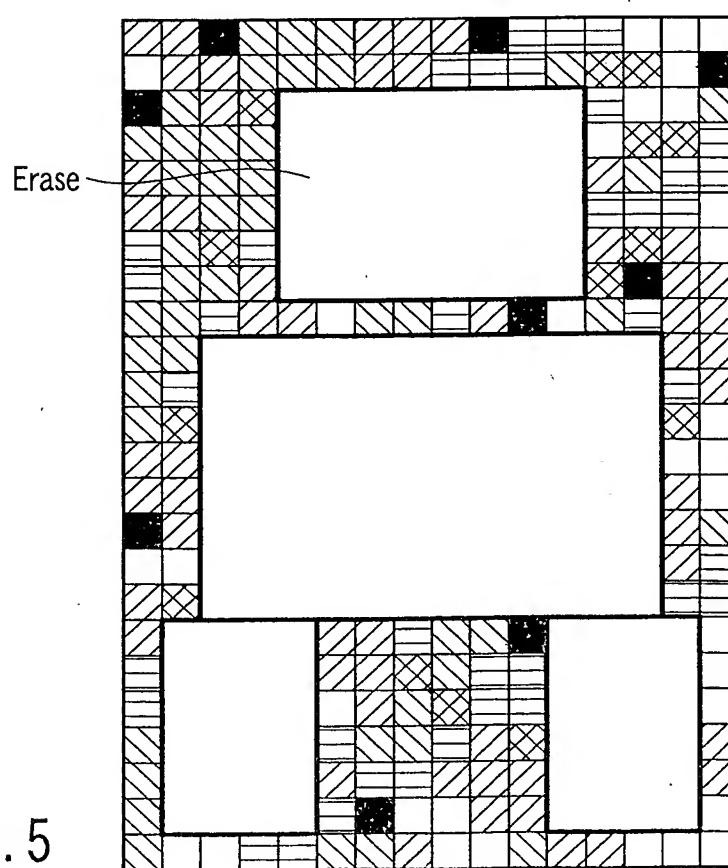
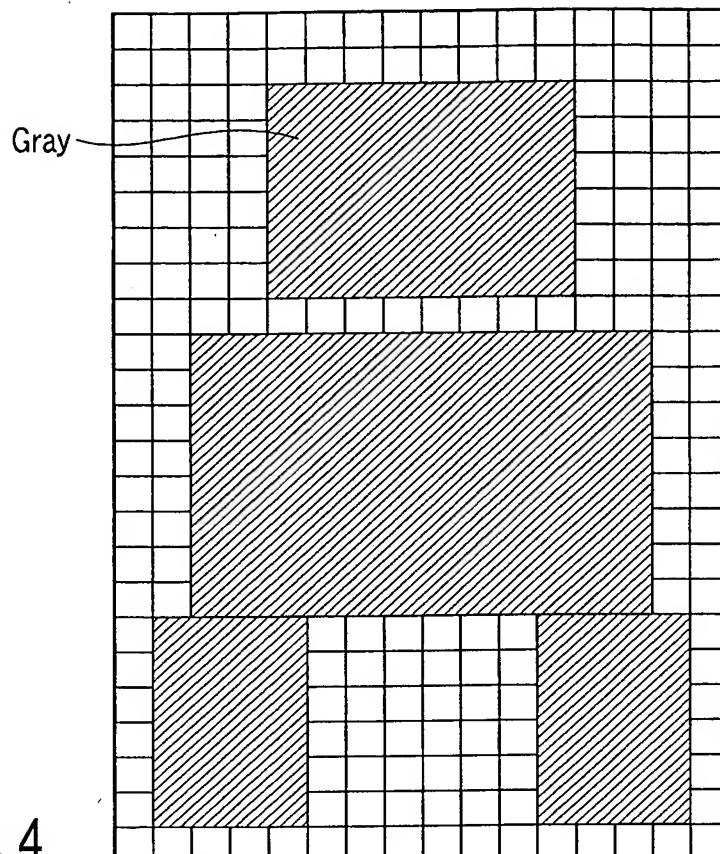


FIG. 2

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Occurrence of white gaps in case of misregistration

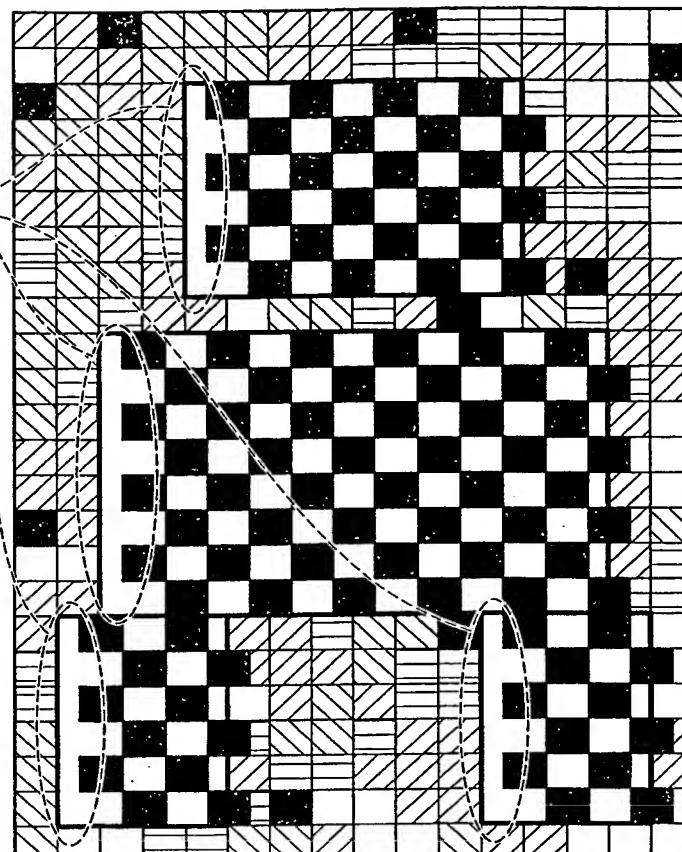


FIG. 6

Halftone	Print medium	Object kind	Thinning-out pattern
K0, Y45, M135, C230	Normal paper	Character	Pattern 1
		Thin line	
		Thick line	Pattern 2
		Solid	
	Thick paper 1	Character	Pattern 1
		Thin line	
		Thick line	Pattern 2
		Solid	
	Thick paper 2	Character	Pattern 1
		Thin line	Pattern 2
		Thick line	Pattern 3
		Solid	
	Thick paper 3	Character	Pattern 1
		Thin line	Pattern 2
		Thick line	Pattern 3
		Solid	Pattern 4
	OHP	Character	Pattern 3
		Thin line	
		Thick line	Pattern 4
		Solid	
K0, Y30, M165, C210	Normal paper	Character	Pattern 5
		Thin line	
		Thick line	Pattern 6
		Solid	

FIG. 7

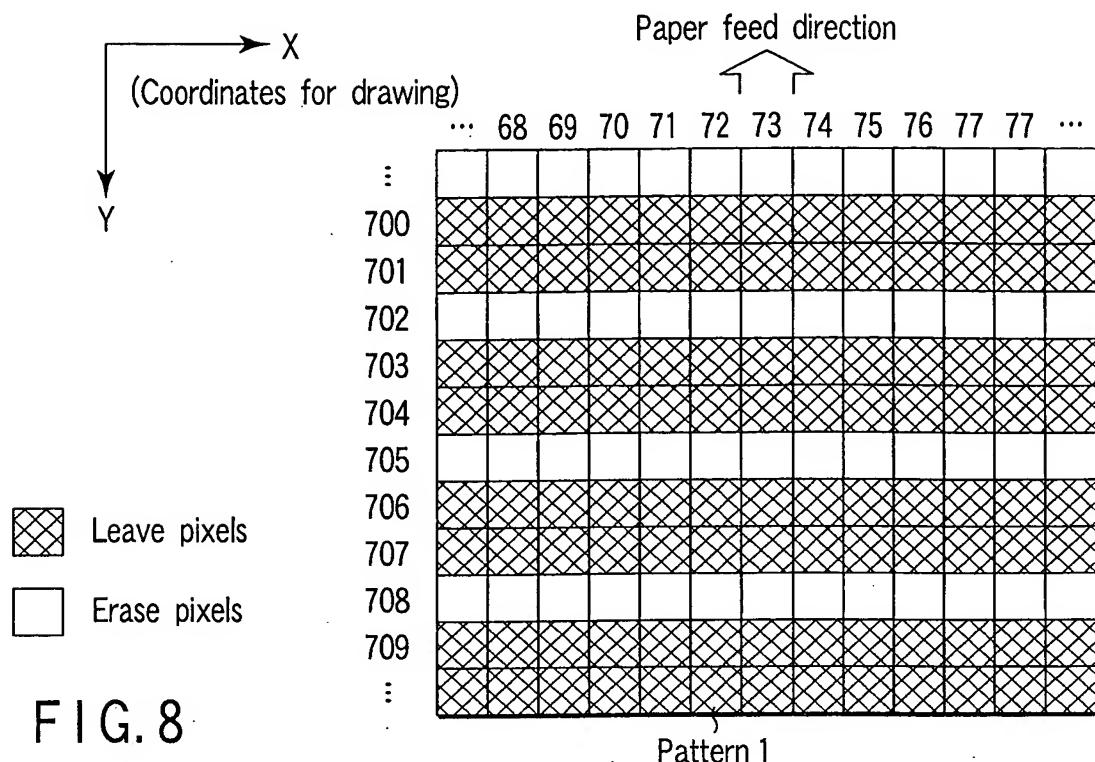


FIG. 8

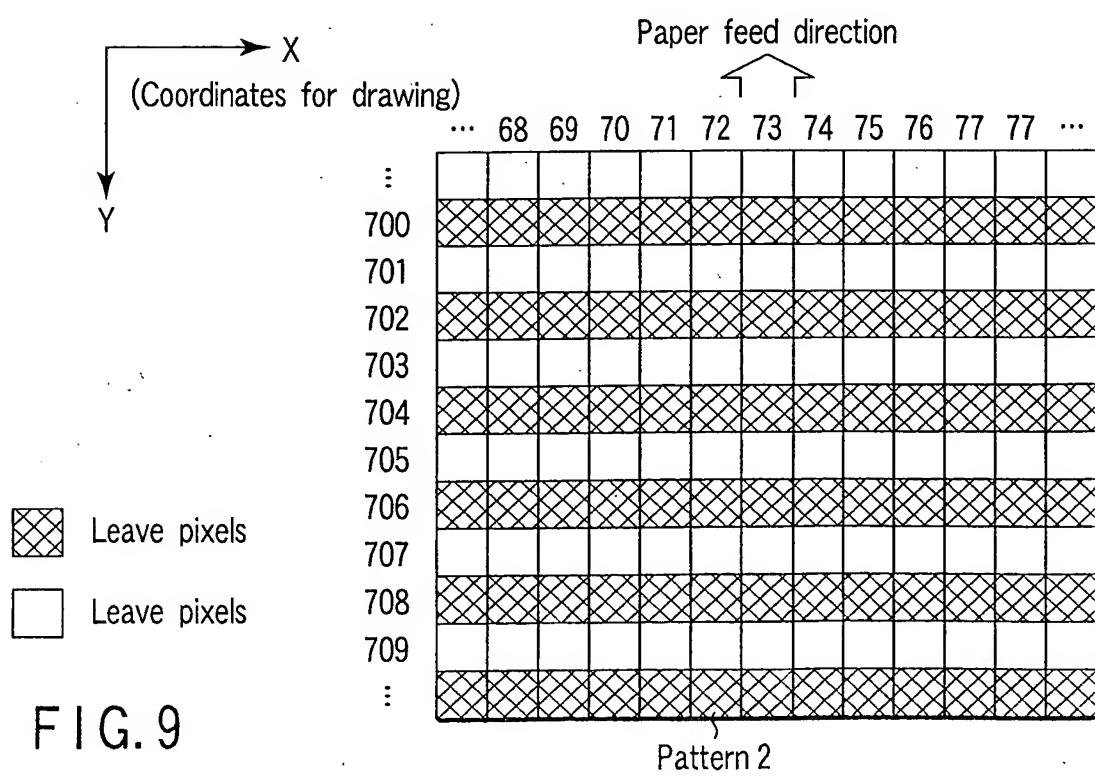


FIG. 9

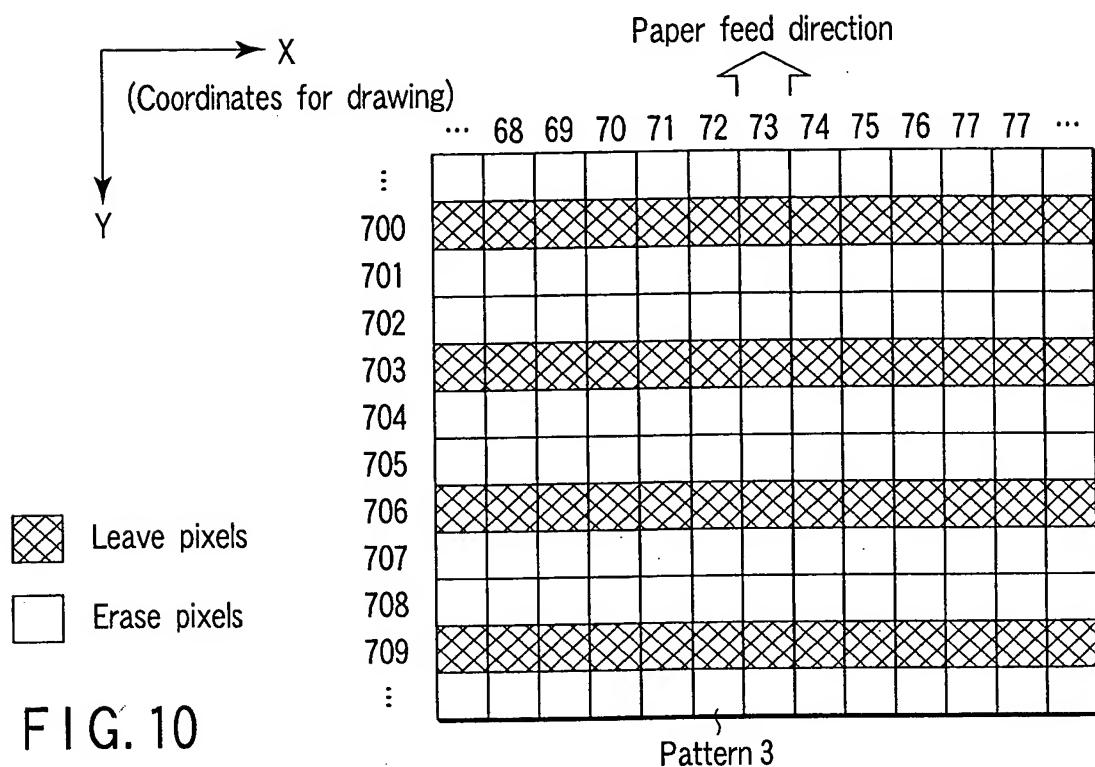


FIG. 10

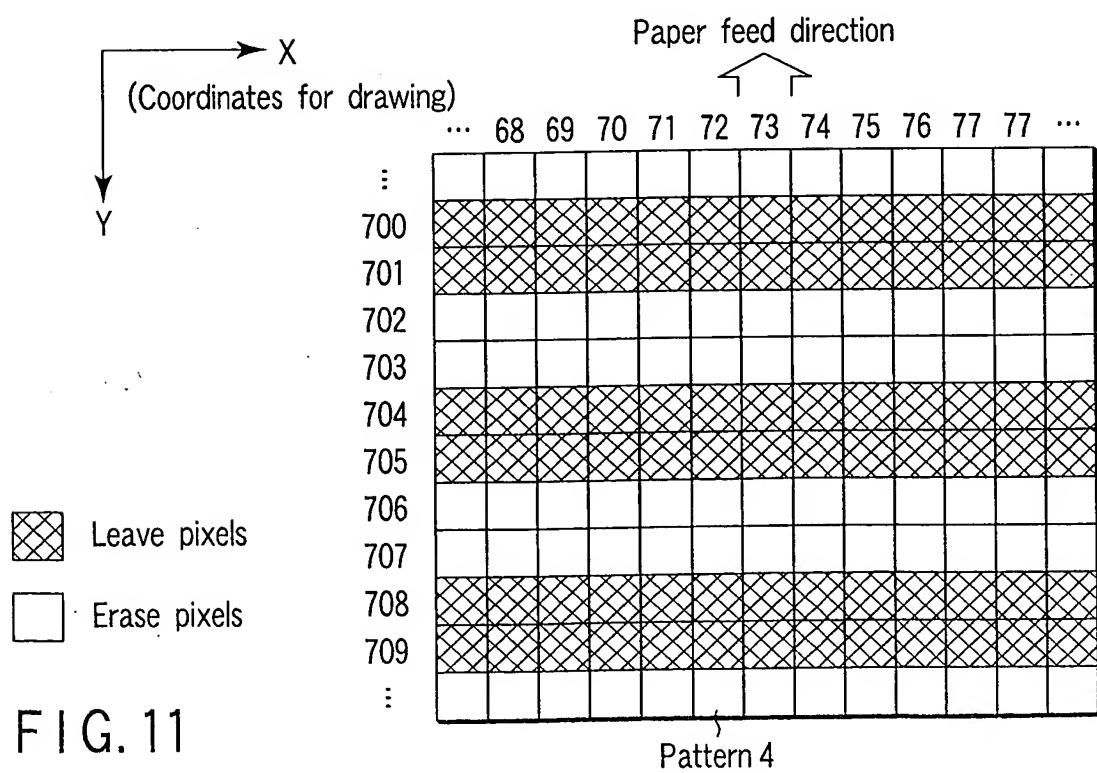


FIG. 11

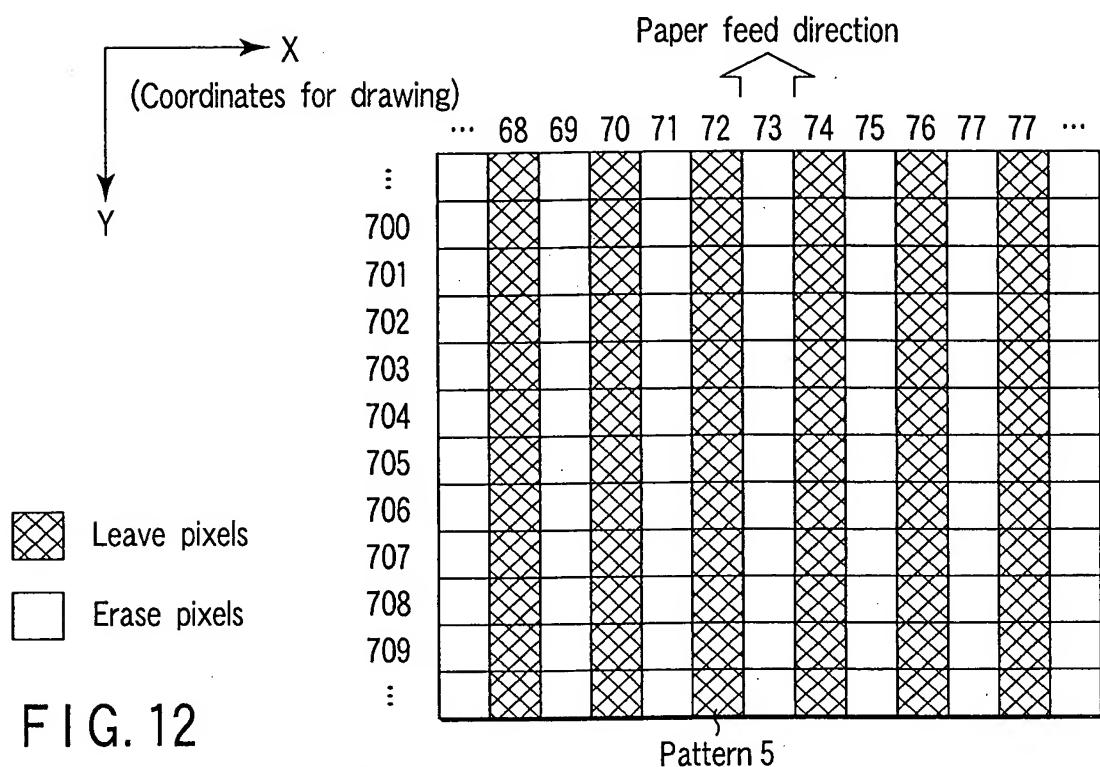


FIG. 12

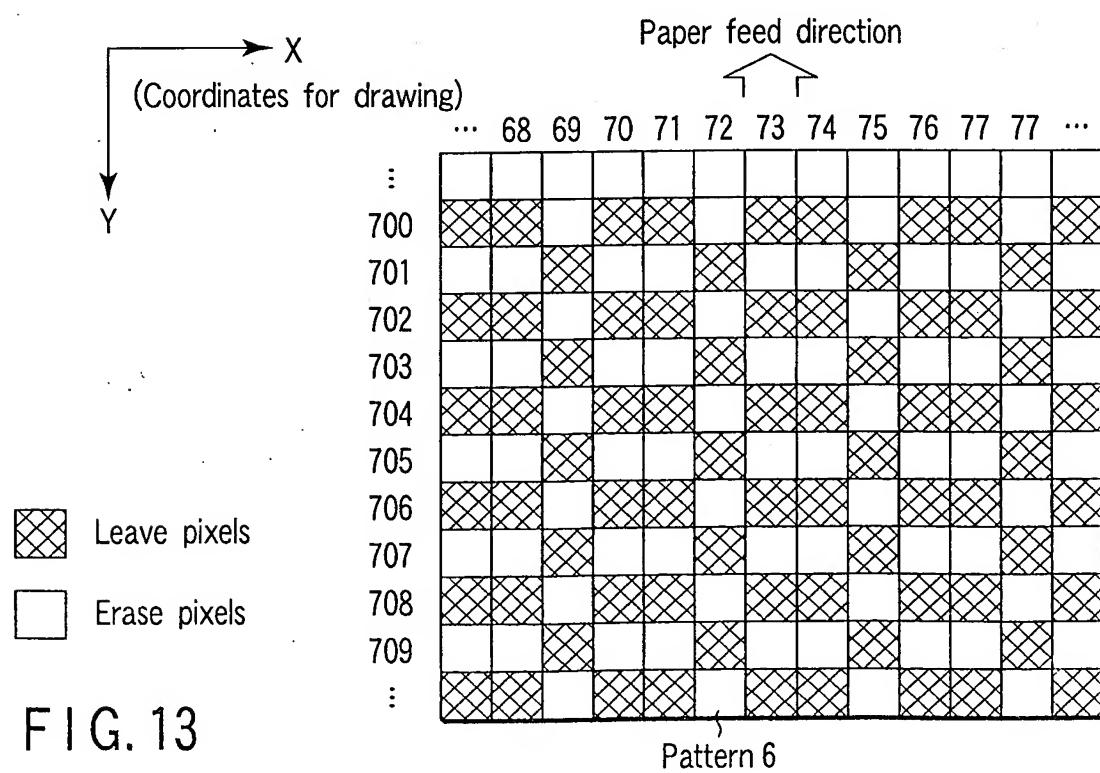
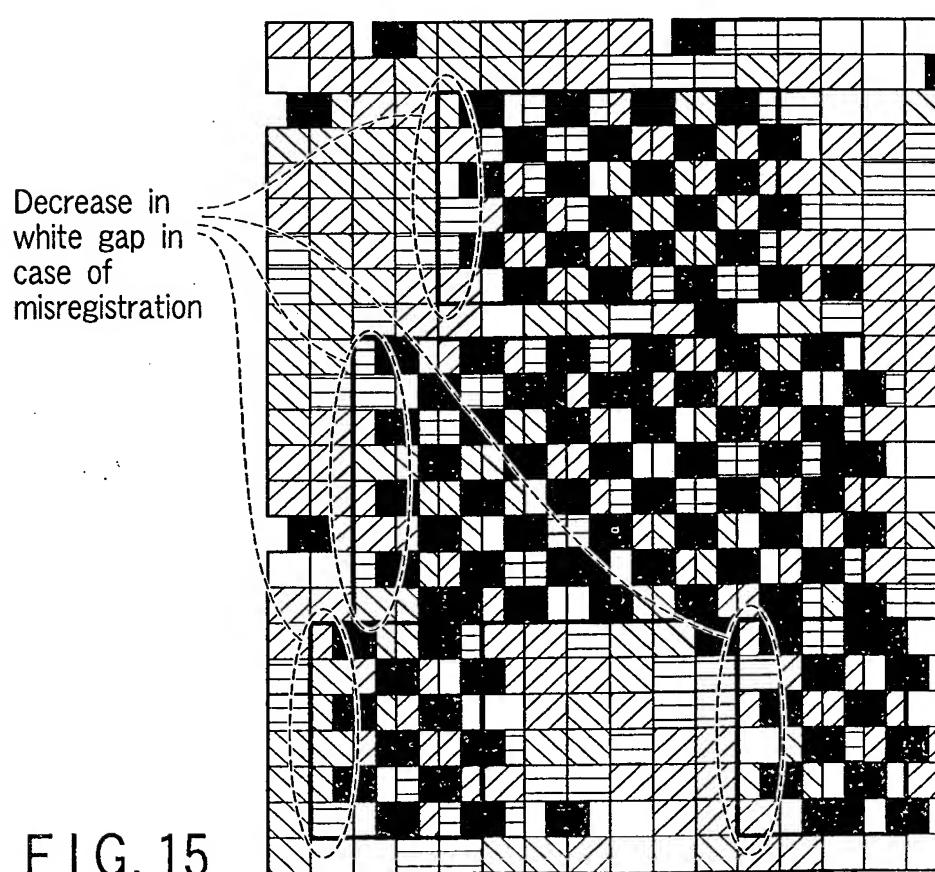
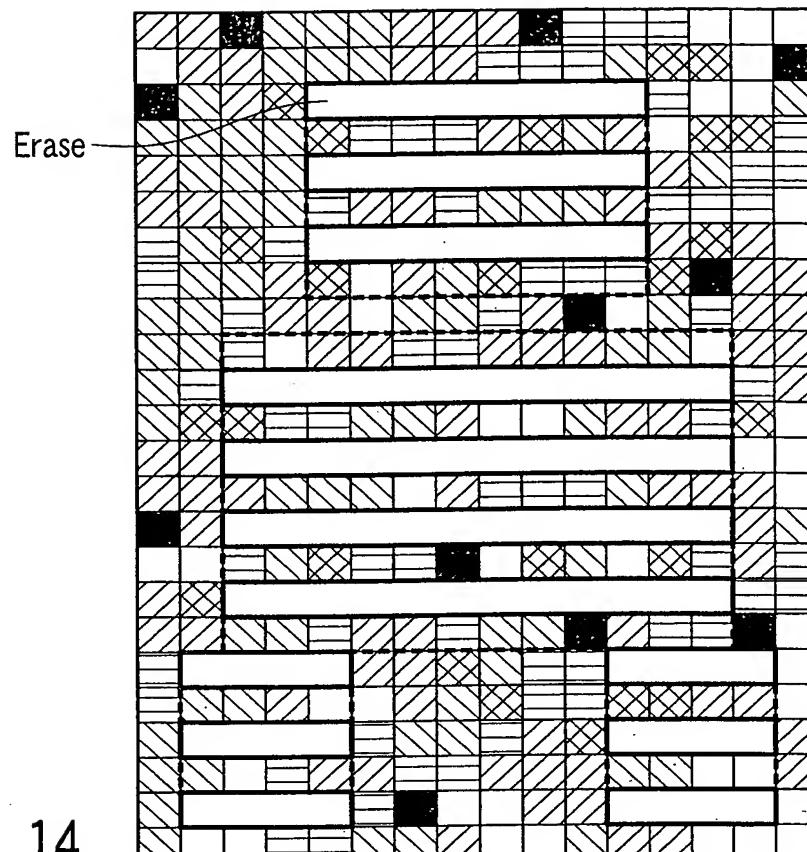


FIG. 13



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Color conversion type	Print medium	Print direction	Size determination result	Thinning-out pattern
Saturation	Normal paper	Forward direction	Small	Pattern 1
		Forward direction	Large	
		90° rotation	Small	Pattern 5
		90° rotation	Large	
	Thick paper 1	Forward direction	Small	Pattern 2
		Forward direction	Large	
		90° rotation	Small	Pattern 5
		90° rotation	Large	
Relative	Normal paper	Forward direction	Small	Pattern 6
		Forward direction	Large	
		90° rotation	Small	Pattern 5
		90° rotation	Large	

FIG. 16

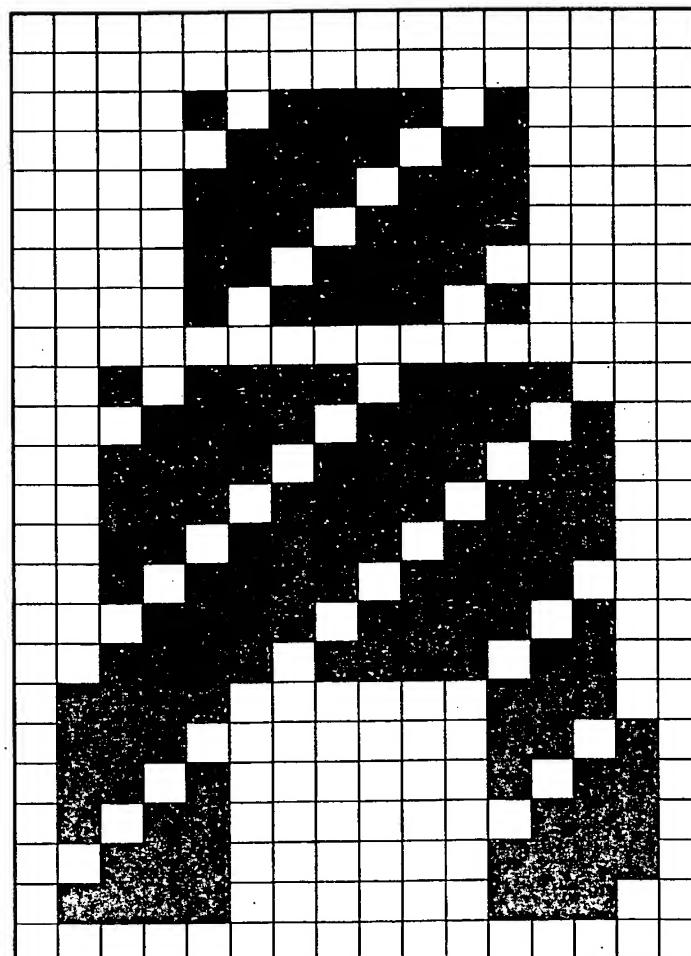


FIG. 18

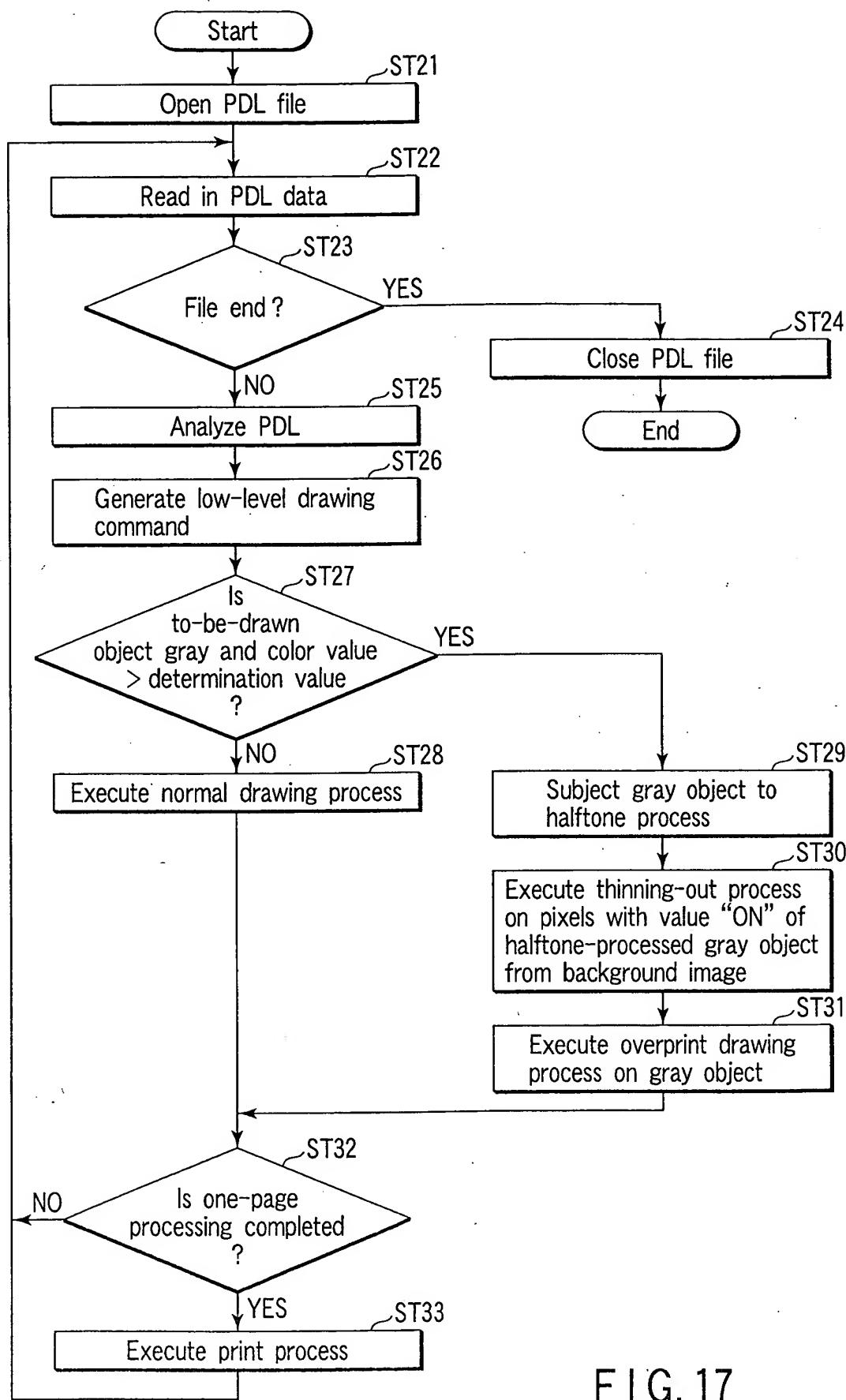


FIG. 17

Erase

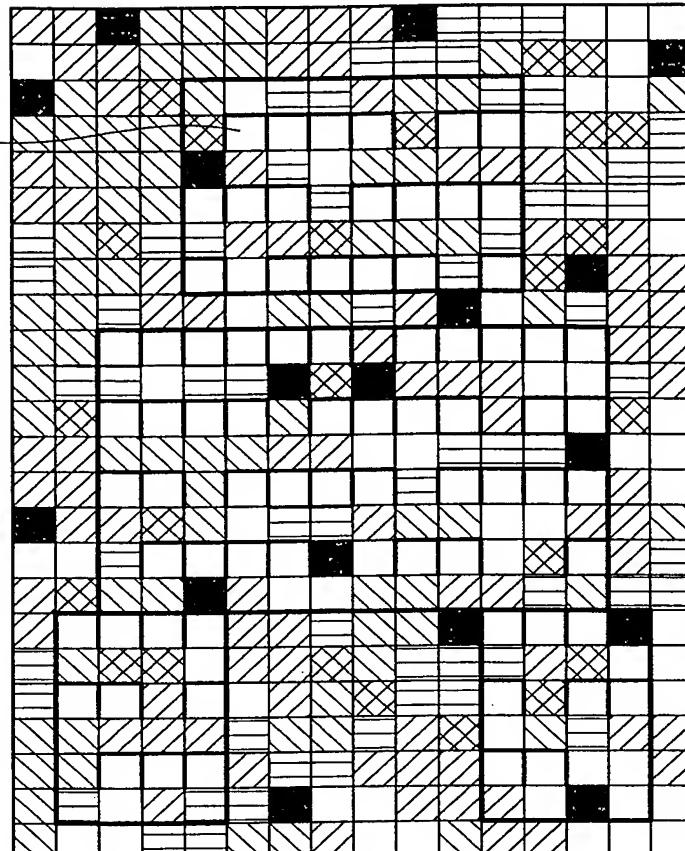


FIG. 19

Non-occurrence
of white gap in
case of
misregistration

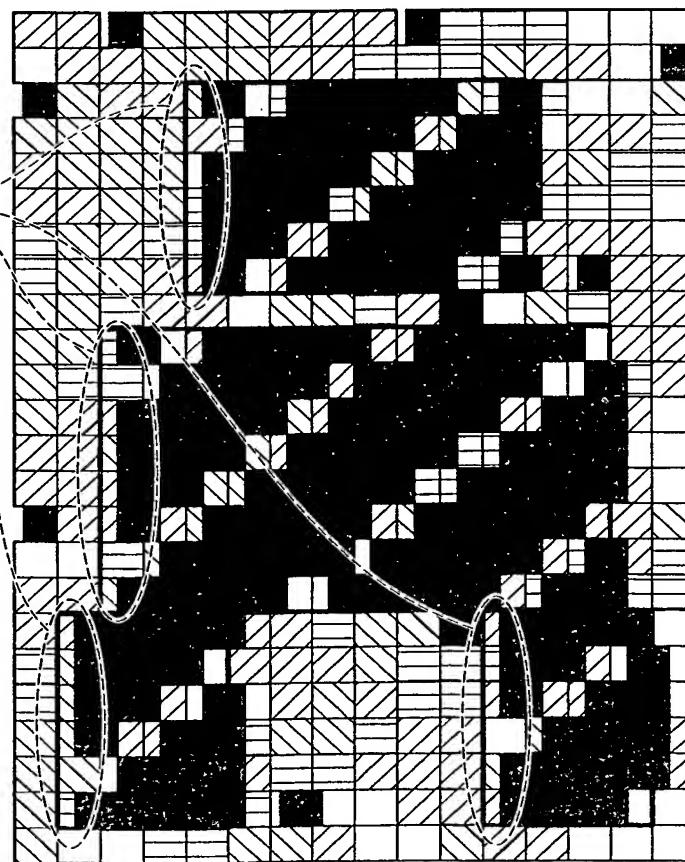


FIG. 20